



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Rainer Ruggaber et al. Art Unit : 3629
Serial No. : 10/698,978 Examiner : Unknown
Filed : October 31, 2003
Title : A PUBLISH-SUBSCRIBE SYSTEM

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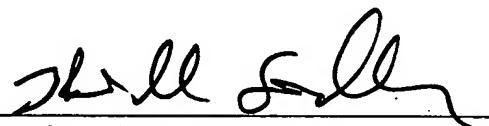
FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicants request consideration of the references listed on the attached PTO-1449 form. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office Action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 3/22/05



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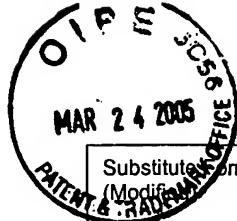
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 Attorney's Docket No.
 13909-110001

 Application No.
 10/698,978

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

 Applicant
 Rainer Ruggaber et al.

 Filing Date
 October 31, 2003

 Group Art Unit
 3629

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	US-5692125	11/1997	Schloss et al.			
	AB	US-6029043	02/2000	Ho et al.			
	AC	US-6471521	10/2002	Dornbush et al.			
	AD	US-2003/0195946 A1	10/2003	Yang			
	AE	US-6701125	03/2004	Lohse			
	AF	US-6801751	10/2004	Wood et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
	AG	WO 99/09490	02/1999	WIPO			Yes
	AH	WO 02/21379	03/2002	WIPO			No
	AI	WO 02/073442 A	09/2002	WIPO			

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AJ	Eugster, Patrick, et al., "Distributed Asynchronous Collections: Abstractions for Publish/Subscribe Interaction," Agilent Lab. and Lombard Odier Co., January 10, 2000, pp. 1-34, XP002171795
	AK	Shorshita, Teruji, et al., "A Large-scale Contents Distribution Architecture Based on Reliable Multicast," Proceedings Internet Workshop, 1999, IWS '99 Osaka, Japan, February 18-20, 1999, pp. 75-80, XP010365597

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.